

JOYCE

Jackmaster

D-21

LOCOMOTIVE SCREW JACKS

with the **POSITIVE SAFETY STOP**

• Master builders of Lifting Equipment for 63 years. The Joyce-Cridland Company now presents to industry its latest development—the Joyce "Jackmaster" Locomotive Screw Jack—built with PLUS power, safety, dependability, and POSITIVE SAFETY STOP.

For industrial plants, contractors, machine shops, house movers, agricultural and general service, Joyce Jackmasters are guaranteed to give lasting satisfaction and longest wear. This is due to their sturdy construction and distinctive design.

The housing is solid (dirt-proof) and perfectly bell shaped. The one-piece screw is made of special steel, correctly and scientifically threaded for smoothest operation. The bottom thread is closed to give a Positive Safety Stop... YOU CAN'T RUN IT OUT TOO FAR. The Diamond Tread Cap provides a firm, safe, non-slipping seat for the load and reduces friction to a minimum.

Joyce 4-way head Locomotive Screw Jacks are built in 38 sizes, conforming to S.P.R. 97-30 issued by Simplified Practice Division, Department of Commerce, U. S. A.

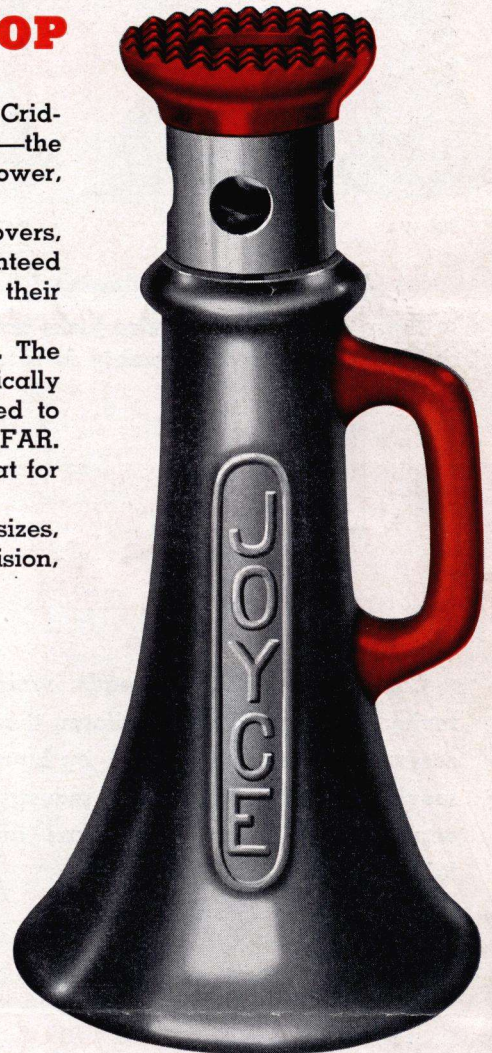
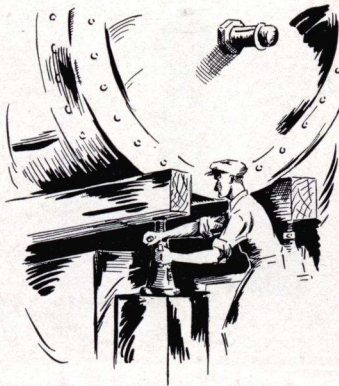
CAPACITIES

Screw Diam.	Tons Capacity	Screw Diam.	Tons Capacity
1 in.	6	2 in.	25
1 1/4 "	12 1/2	2 1/2 "	35
1 1/2 "	15	3 "	45
1 3/4 "	20		

Steel levers sent only when ordered and will be charged extra.

JACKMASTER STEEL LEVERS

Size of Jack Screw	Price
1"	\$.50
1 1/4"	.60
1 1/2"	.75
1 3/4"	.75
2"	1.00
2 1/2"	1.50
3"	2.50



STANDARD SIZES AND PRICE LIST SPECIFICATIONS

Size	Height of Stand	Net Weight	Overall Height	List Price
In.	In.		In.	
1 x 6	6	6	8	\$ 2.60
1 1/4 x 4	4	8	6 1/2	2.90
1 1/4 x 6	6	10	8 1/2	3.10
1 1/4 x 8	8	11	10 1/2	3.40
1 1/4 x 10	10	13	12 1/2	3.80
1 1/4 x 12	12	15	14 1/2	4.20
1 1/2 x 4	4	9	6 3/4	3.25
1 1/2 x 6	6	11	8 3/4	3.75
1 1/2 x 8	8	14	10 3/4	4.25
1 1/2 x 10	10	17	12 3/4	4.75
1 1/2 x 12	12	19	14 3/4	5.25
1 1/2 x 14	14	21	16 3/4	6.00
1 3/4 x 6	6	14	9	4.50
1 3/4 x 8	8	18	11	5.00
1 3/4 x 10	10	20	13	5.75
1 3/4 x 12	12	25	15	6.25
1 3/4 x 14	14	29	17	6.75
1 3/4 x 16	16	32	19	7.50
2 x 5	5	15	8 1/2	5.00



The Strong Right
Arm of
Super Service

STANDARD SIZES AND PRICE LIST SPECIFICATIONS

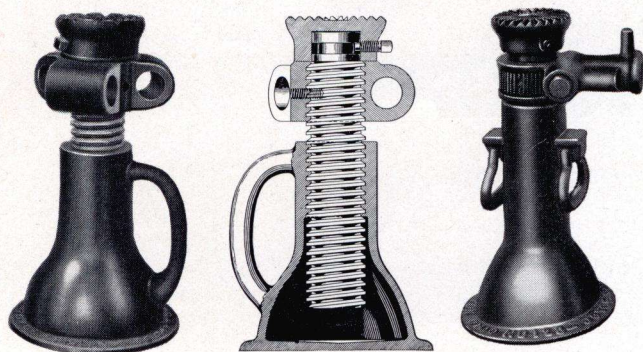
Size	Height of Stand	Net Weight	Overall Height	List Price
In.	In.		In.	
2 x 6	6	18	9 1/2	5.25
2 x 8	8	22	11 1/2	6.00
2 x 10	10	26	13 1/2	6.75
2 x 12	12	30	15 1/2	7.50
2 x 14	14	35	17 1/2	8.25
2 x 16	16	37	19 1/2	9.25
2 x 18	18	42	21 1/2	10.25
2 1/2 x 6	6	27	10	7.75
2 1/2 x 8	8	31	12	8.75
2 1/2 x 10	10	35	14	9.75
2 1/2 x 12	12	40	16	10.75
2 1/2 x 14	14	43	18	12.00
2 1/2 x 16	16	50	20	13.25
2 1/2 x 18	18	56	22	14.50
2 1/2 x 20	20	60	24	15.75
3 x 8	8	46	13	17.50
3 x 14	14	62	19	19.50
3 x 18	18	78	23	22.00
3 x 24	24	103	29	25.75

THE JOYCE-CRIDLAND COMPANY • DAYTON, OHIO

Builders of Lifting Equipment since 1873

JOYCE BELL BASE SCREW JACKS

Six-Way Head and Ratchet Types



SIX WAY

RATCHET

Malleable Iron Oil Retaining Base

- These extra heavy service jacks are built for shoring work...where safety is most important...

ant...and every precaution in manufacture has been observed to produce a thoroughly dependable product.

These jacks have a certified malleable iron base with closed bottom, and a machinery steel screw with milled thread.

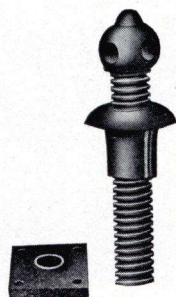
They are arranged with a special dust-proof cap, having a bearing surface of the entire diameter of the screw, which reduces friction to a minimum and gives easy movement to the jack.

SPECIFICATIONS

Jack No.	Cap. Tons	Hgt. Ins.	Rise Ins.	Dia. of Screw	Wgt. Lbs.	List Price	
						6-Way	Ratchet
98	15	8	4	2	16	\$ 7.00	\$ 9.50
101	15	10	5	2	24	9.00	11.50
102	15	12	6	2	29	10.00	12.50
103	15	14	8	2	32	11.00	13.50
121	25	12	5	2½	36	15.50	18.25
123	25	16	8	2½	47	18.50	21.25
125	25	20	13	2½	65	21.00	23.75
138	35	24	15	3	68	32.00	35.00

JOYCE CAST IRON JACK SCREWS

- Cast with seamless threads, which make them smooth and uniform, these screws are universally used by house movers and on all kinds of industrial service work...they save time and labor on every job.



SPECIFICATIONS

Diameter of Screw	Height Overall	Size of Plate	Length of Nut	List Price
3 in.	18 in.	6 in. sq.	6 in.	\$ 8.25
3 "	20 "	6 "	6 "	8.50
3 "	22 "	6 "	6 "	8.75
3 "	24 "	6 "	6 "	9.00
3 "	26 "	6 "	6 "	9.50
3 "	28 "	6 "	6 "	10.00
3 "	30 "	6 "	6 "	10.50
3 "	32 "	6 "	6 "	11.00
3 "	34 "	6 "	6 "	11.50
3 "	36 "	6 "	6 "	12.00

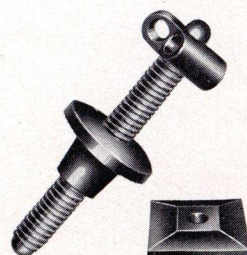
JOYCE STEEL SHORING JACKS

- These jacks are built especially for heavy shoring work...where safety is paramount. The jack is all steel with milled thread, and is much stronger and a far safer tool than the ordinary cast iron shoring jack with a wrought iron screw. Standard equipment includes the plate shown in an 8" x 8" size for the No. 250, and in

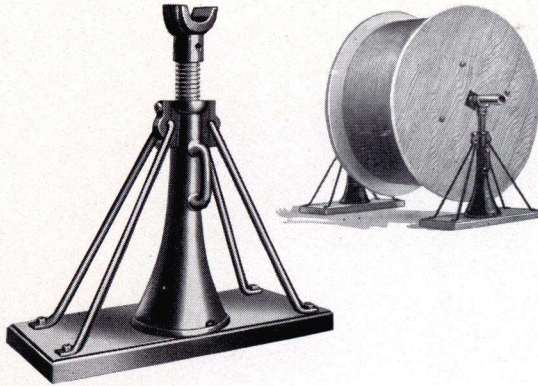
a 10" x 10" size for the No. 255. Special plates 10" x 10" can be furnished for the No. 250, and 12" x 12" for the No. 255, when ordered.

SPECIFICATIONS

Jack No.	Cap. Tons	Hgt. Ins.	Dia. Ins.	Wgt. Lbs.	List Price
250	25	24	2½	63	\$30.00
255	50	30	3	115	50.00



JOYCE CABLE REEL SCREW JACKS



• These simple, sturdy, inexpensive Jacks are indispensable in shop and warehouse. Carefully made and with the well-seasoned wood base (properly braced) will give a long life of service.

SPECIFICATIONS

Size	Dia. of Screw	Height Overall Closed	Rise	Cap.	Weight About	Size of Base	List Price
No. 1	In. 2	In. 15	In. 5	Tons 20	Lbs. 44	In. 2x10x20	\$13.50
No. 2	2	19	9	20	50	2x10x20	15.00
No. 3	2	21	11	20	55	2x10x22	16.00
No. 4	2	27	17	20	72	2x11x30	18.00
No. 5	2½	16	5	28	47	2x11x20	16.50
No. 6	2½	22	11	28	75	2x11x30	20.25
No. 7	2½	28	17	28	89	2x11x30	24.00
No. 8	3	29	15	36	130	3x11x30	36.00
No. 9	3	35	21	36	143	3x11x30	42.00

JOYCE HOUSE RAISING JACKS

• Joyce Steel Press or House Raising Screws are designed for pressing tobacco, lard, cloth, etc. Screws are made of one piece wrought steel, with cast iron nuts and caps.

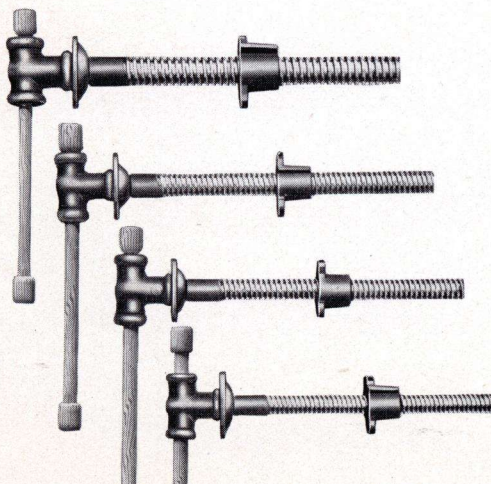
SPECIFICATIONS

Size	Overall Height	List Price	Size	Overall Height	List Price	Size	Overall Height	List Price
In. 1¼x12	12	\$4.80	2½x16	16	\$9.60	In. 2½x60	60	\$21.30
1¼x14	14	5.10	2½x18	18	10.20	3 x18	18	17.00
1¼x16	16	5.40	2½x20	20	10.80	3 x20	20	17.60
1¼x18	18	5.70	2½x22	22	11.30	3 x24	24	19.20
1¼x20	20	6.00	2½x24	24	11.90	3 x26	26	20.00
2 x12	12	6.00	2½x26	26	12.40	3 x28	28	20.80
2 x14	14	6.40	2½x28	28	12.90	3 x30	30	21.60
2 x16	16	6.80	2½x30	30	13.40	3 x32	32	22.40
2 x18	18	7.20	2½x32	32	13.90	3 x34	34	23.20
2 x20	20	7.60	2½x34	34	14.40	3 x36	36	24.00
2 x22	22	8.00	2½x36	36	14.90	3 x38	38	24.80
2 x24	24	8.40	2½x38	38	15.50	3 x40	40	25.60
2 x26	26	8.80	2½x40	40	16.00	3 x42	42	26.40
2 x28	28	9.20	2½x42	42	16.50	3 x44	44	27.20
2 x30	30	9.60	2½x44	44	17.10	3 x46	46	28.00
2 x32	32	10.00	2½x46	46	17.60	3 x48	48	28.80
2 x34	34	10.40	2½x48	48	18.10	3 x50	50	29.60
2 x36	36	10.80	2½x50	50	18.60	3 x52	52	30.40
2 x38	38	11.20	2½x52	52	19.10	3 x54	54	31.20
2 x40	40	11.60	2½x54	54	19.70	3 x56	56	32.00
2½x12	12	8.50	2½x56	56	20.30	3 x58	58	32.80
2½x14	14	9.00	2½x58	58	20.80	3 x60	60	33.60



SPECIFICATIONS

Screw Diameter	Tons Capacity
1¼ in.	20
2 "	25
2½ "	35
3 "	45



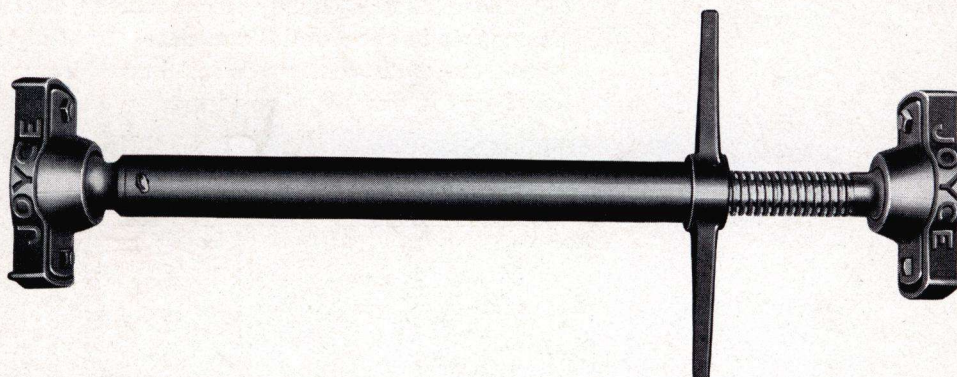
JOYCE WROUGHT BENCH SCREWS

• For shops, manual training, home workshops, etc. Made of wrought steel and have deep cut threads, moveable collar and hardwood handle.

SPECIFICATIONS

Diameter	Length Overall	Length of Thread	Wgt. Per Doz. About	List Price Per Doz.
1 in.	16 in.	11 in.	55 lbs.	\$10.40
1½ "	16 "	11 "	68 "	12.00
1¾ "	17 "	12 "	80 "	14.00
1½ "	21 "	15 "	125 "	21.00

JOYCE TRENCH OR SEWER BRACES



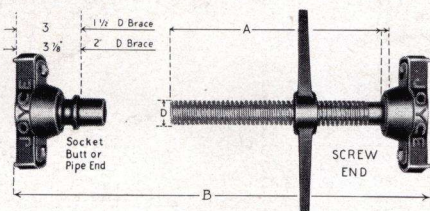
• These braces provide the safest and most economical bracing on all trench jobs. The screws are steel...and the wing nut is drop forged steel, which safeguards against bending or breaking.

Joyce Trench Braces can be installed quickly...will never slip. The ball and socket joint at each end permits easy adjustment to any angle. Adapted to any width trench by using longer or shorter lengths or standard black pipe.

SPECIFICATIONS (Complete with Pipe)

Pipe and Screw Diam.	"A" Length of Screw Inches	"B" Length of Brace Closed Inches	Length of Brace Open Inches	"C" Length of Pipe Inches	Safe Extension of Screw Inches	Weight Per Dozen Lbs.	List Price Per Dozen
1 1/2	10	16	22	8 1/2	6	190	\$46.00
1 1/2	12	18	25	10 1/2	7	198	46.00
1 1/2	14	21	30	13 1/2	9	215	48.00
1 1/2	14	24	33	16 1/2	9	224	48.00
1 1/2	16	27	37	19 1/2	10	240	52.00
1 1/2	16	30	40	22 1/2	10	246	52.00
1 1/2	18	36	47	28 1/2	11	270	54.00
1 1/2	18	42	53	34 1/2	11	285	56.00
1 1/2	18	48	58	40 1/2	10	300	58.00
2	18	36	46	26	10	517	102.00
2	18	42	52	32	10	538	104.00
2	18	48	58	38	10	560	106.00
2	18	54	64	44	10	590	108.00
2	18	60	70	50	10	604	110.00

JOYCE TRENCH BRACE FITTINGS



FOR USE WITH TIMBER BRACES

For bracing mines, subways and excavations, as well as wide deep trenches, Joyce Trench Braces are mounted on the ends of timbers. Timbers are not furnished.

SPECIFICATIONS

FOR USE WITH TIMBER BRACES

Diam. of Screw Inches	"A" Length of Screw Inches	Size of Timber Caps	Weight Per Dozen Pounds	List Price Per Dozen Sets	Timber Caps Only Per Dozen
1 1/2	14	4 x 4	170	\$47.00	\$15.00
1 1/2	14	6 x 6	185	52.00	20.00
1 1/2	18	6 x 6	205	56.00	20.00
2	18	6 x 6	375	86.00	20.00
2	18	8 x 8	385	96.00	30.00

These are furnished without pipe. The addition of a piece of standard gas pipe, cut to the required length and drilled with small hole at one end for the insertion of cotter pin, completes the brace. Steel levers sent only when ordered and will be charged extra.

SPECIFICATIONS

TRENCH BRACE FITTINGS—(Without Pipe)

"D" Diam. of Screw Inches	"A" Length of Screw Inches	Safe Extension of Screw Inches	Weight Per Dozen Pounds	List Price Complete Per Dozen	List Price Screw Ends Only Dozen
1 1/2	10	6	165	\$40.00	\$30.00
1 1/2	12	7	175	40.00	30.00
1 1/2	14	9	180	42.00	32.00
1 1/2	16	10	190	44.00	34.00
1 1/2	18	11	196	46.00	36.00
2	18	10	415	90.00	66.00

3-WAY NUT—For use in close quarters where the regular wing nut cannot be used a 3-way unbreakable nut made with three holes to fit a 1" rod can be furnished. No extra charge when specified in place of the wing nut.



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